

IN THE SPECIFICATION:

Please replace paragraph [0034] with the following amended paragraph:

[0034] The Module list 200 contains a plurality of one or more module records 203, 204, and 205206. One record is provided for each object file or module used to build the program 120. Because each module can contain multiple routines (procedures or methods), each module record refers to a routine list 210. The routine list 210 contains a plurality of records, one for each routine in the module. Each record 214, through 215 in the routine list contains the name of the routine, and a reference to the CFG constructed for that routine.

Please replace paragraph [0036] with the following amended paragraph:

[0036] Block 221 is representative of the structure of all the basic block nodes within CFG 220154. Basic Block 221 contains a list of statements 223 that are the statements within program 120, module 203, and routine 215, that reside in block 221. List 223 contains statements 10, 11, 12, 13, and 14.

Please replace paragraph [0042] with the following amended paragraph:

[0042] Once the executable statuses for one or more variables are known, the statuses can be displayed on the display 142. To this end, the debugger 123 may be configured to display a variables window and a watch window on the display 142 to allow management of variables in a program (e.g., program 120). Both windows may be made up of spreadsheet fields where information about the variables contained in a program is displayed. An illustrative monitor window 401 displayed on a screen 400 of the display 142 is shown in Figure 4. In one embodiment, the monitor window 401 is an interface of the debugger program 123. In general, the window 401 comprises a variables window 402 and a watch window 404. The variables window 402 allows a user to keep track of variables important to the program's current context and provides quick access to those variables. The watch window 404 allows a user to choose which variables the user wants to "watch". The variables window 402 includes an interesting variables set pane 406 and a live/dead variables pane 407. The variables set pane 406 is further divided into a use set frame 406A and a definition set frame 406B while the live/dead variables pane 407 is further divided into a live dead variables pane 408 and a dead live variables pane 410. Each pane/frame may be populated using

information contained in respective data structure, i.e., the interesting variables sets 150 and the live variables sets 152, respectively.